CLAIMS

The invention claimed is:

1. A consumer electronic system comprising:

a consumer electronic device operable with a removable digital medium having a menu system stored thereon;

a control module having navigation keys operable in connection with the consumer electronic device for navigating the menu system when the digital medium is operating with the consumer electronic device, wherein the control module further includes

means for storing a sequence of navigation keystrokes of at least two of the navigation keys, and

means for repeating the sequence of navigation keystrokes with fewer keystrokes than the sequence contains.

2. The system of claim 1, wherein the means for storing and repeating the sequence comprises programming stored in the control module.

3. The system of claim 1, wherein the means for repeating the sequence comprises means for repeating the sequence upon execution of a single key.

4. The system of claim 1, wherein the means for storing the sequence comprises means for storing the sequence between operation of a first predetermined key and a second predetermined key.

5. The system of claim 4, wherein the second predetermined key is the same as the first predetermined key.

6. The system of claim 5, comprising means for filtering non-navigation keystrokes.

7. The system of claim 1, comprising means for filtering non-navigation keystrokes.

8. The system of claim 1, wherein the control module is integral with the consumer electronic device.

9. The system of claim 1, wherein the control module is a remote control.

10. The system of claim 9, wherein the removable digital medium is a digital video disc (DVD) and the consumer electronic device is a DVD player.

11. The system of claim 10, comprising means for filtering non-navigational keystrokes and wherein the means for repeating the navigation keystrokes sequence comprises means for repeating the sequence upon execution of a single key.

12. A remote control operable with a consumer electronic device, the remote control comprising:

navigation keys for navigating media stored on the digital medium;

storage means for storing a sequence of navigation keystrokes; and

means for repeating the stored sequence.

13. The remote control of claim 12, comprising means for filtering non-navigation keystrokes.

14. The remote control of claim 12, wherein the storage means comprises means for storing inter-key pause times.

15. A remote control operable with a consumer electronic system having a consumer electronic device and a removable digital medium operable with the consumer electronic device, the medium including a menu system, the remote control comprising:

a plurality of keys including navigation keys for navigating the menu system;

a transmitter providing communication with consumer electronic device in response to activation of at least one of the keys;

means for storing a sequence of navigation keystrokes for navigating the menu system; and

means for executing the sequence with less keystrokes than contained in the navigation keystrokes.

16. The remote control of claim 15, comprising means for filtering non-navigational keystrokes.

17. The remote control of claim 15, wherein the means for storing the sequence of navigation keystrokes comprises means for storing inter-key pause timing.

18. The remote control of claim 15, wherein the means for executing the sequence comprises means for executing the sequence with a single keystroke.

19. The remote control of claim 18, wherein the single keystroke is predetermined and the means for storing comprises means for filtering non-navigational keystrokes.

20. A readable medium having instructions for of navigating secondary material provided on a removable digital medium, the instructions performing steps comprising:

storing a sequence of navigation keystrokes the navigation keystrokes used to navigate the secondary material; and

executing the stores sequence with fewer keystrokes than contained in the sequence, wherein the secondary material is navigated.

21. The medium of claim 20, comprising the step of activating the keys to navigate the secondary material to a desired screen, and wherein the step of executing the stored sequence results in the arrival at the desired screen.

22. The medium of claim 21, wherein the step of navigating the secondary material to the desired screen comprises displaying each screen displayed during the step of initially navigating the secondary material to the desired screen.

23. The medium of claim 21, wherein the step of navigating the secondary material to the desired screen comprises the step of by-passing screens to arrive at the desired screen.

24. The medium of claim 20, comprising instructions for controlling display of primary material provided on the removable digital medium.

25. The medium of claim 20, comprising instructions for:

controlling a consumer electronic device to allow the consumer electronic device to access the removable digital medium.

26. The medium of claim 20, comprising instructions for the step of filtering non-navigational keystrokes.

27. The medium of claim 20, comprising instructions for storing inter-key pause timing.

28. The medium of claim 20, comprising instructions for identifying the start and end points of the sequence.

29. The medium of claim 20, wherein the step of executing the stored sequence comprises the step of repeating the sequence with a single keystroke.

30. The medium of claim 20, comprising instructions for avoiding memory overflow problems.

31. The medium of claim 20, wherein the instructions reside in a remote control operable with a digital video disc (DVD) player, the removable digital medium is a DVD; and the medium comprises instructions for determining if the remote control is in DVD mode.

32. The medium of claim 31, comprising instructions for placing the remote control in the DVD mode in connection with executing the stored sequence.

33. The medium of claim 32, comprising instructions for performing the step of executing and placing in response to operation of a single key.

34. The medium of claim 20, wherein the step of storing the sequence occurs in response to activating a predetermined key while executing the sequence.

35. The medium of claim 34, comprising instructions for executing the stored sequence in response to activating the predetermined key.

36. A method of accessing material provided on a removable digital medium, installed in a digital media player, the method comprising the steps of:

storing steps for accessing desired material provided on the removable digital medium; and

accessing the desired material with a reduced step process subsequent to the step of storing steps for accessing the desired material, wherein the reduced step process contains fewer steps than the stored steps for accessing the desired material, whereby the desired material is assessed.

37. The method of claim 36, wherein the reduced step process comprises accessing the desired material upon operation of a single key.

38. The method of claim 36, comprising the step of downloading the desired material to the digital media player prior to accessing the desired material.

39. The method of claim 36, comprising the step of accessing the desired material via the digital media player, wherein less than a substantial portion of the desired material is stored in the digital media player.

40. The method of claim 36, wherein the control module integral with the digital media player and the step of storing comprises operating the digital media player.

41. The method of claim 36, wherein the control module has remote control capability to control the digital media player remotely and the method comprises the step of operating the digital media player remotely.

42. A consumer electronic system comprising:

a consumer electronic device;

a user interface having navigation keys adapted to navigate a menu system of a removable digital medium installed in the CED, the user interface having

memory adapted to store a sequence comprising at least two navigation keystrokes, and

programming for subsequently repeating the sequence with fewer keystrokes than the at least two navigation keystrokes, wherein the menu system is navigated.

43. A remote control adapted for use with a removable medium having a menu system, the remote control comprising:

a display; and

a microprocessor connected to the display and adapted to define images on the display based upon material in the menu system.

44. A remote control adapted for use with a media player using a menu system, the remote control comprising:

a bi-directional communication system;

a processor connected to the communication system; and

programming operable with the processor for defining navigation commands sent to the player based upon data received from the player.

45. The remote control of claim 44, wherein the programming comprises instructions for storing a sequence of commands for subsequent transmission to the player.

46. The remote control of claim 44, wherein the programming is adapted to process preprogrammed sequences of data transmitted by the player.

47. The remote control of claim 44, wherein the programming is adapted to define a plurality of keys based upon the data received from the player.

48. A remote control adapted for use with a consumer electronic device, the remote control comprising:

a bi-directional communication system including a receiver and a transmitter;

a processor connected to the communication system;

a display connected to the processor; and

programming for defining keys on the display based upon data received from the consumer electronic device.

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